

$\bigvee$	PULL OUT PRODUCT, TO-BE PRODUCT
$\Diamond$	REMOVE DEVICE STRUCTURE FILM
$\Diamond$	SELECTIVE ETCHING TO EXPOSE CRYSTAL DEFECT
	AFTER-TREATMENT (SURFACE IMPURITIES REMOVING TREATMENT)
$\bigcirc$	CLEANING (PARTICLE REMOVAL)
$\Diamond$	IMAGE RECOGNITION AND DEFECT EVALUATION
$\bigcirc$	DEFECT QUANTIFICATION

FIG. 1

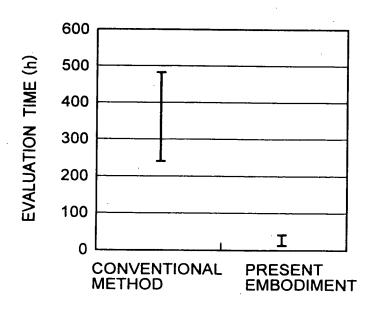
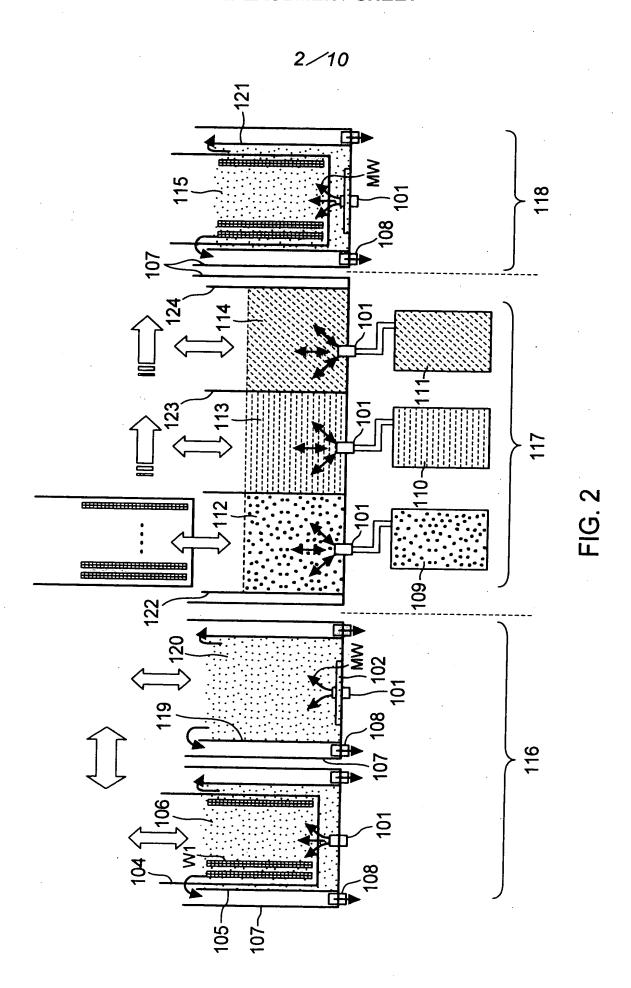
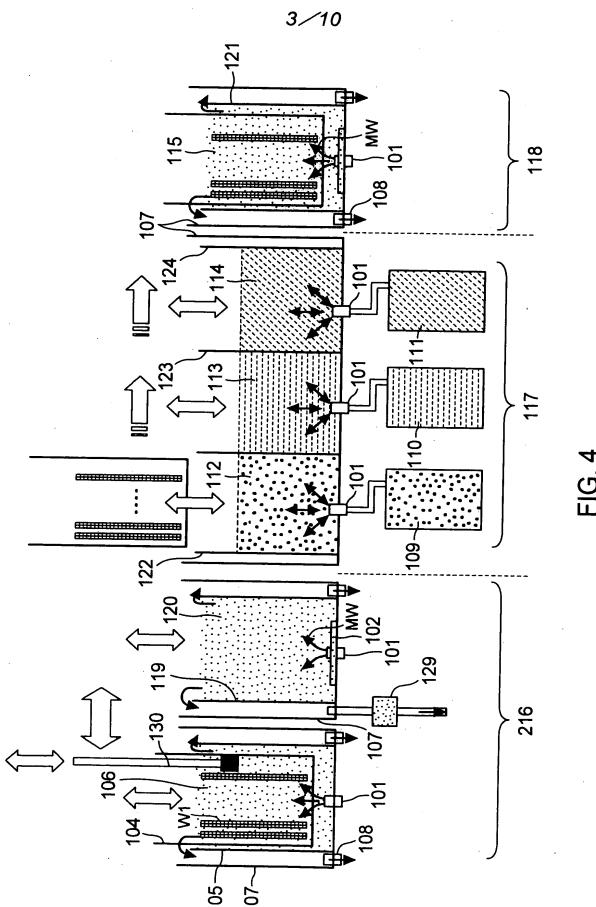


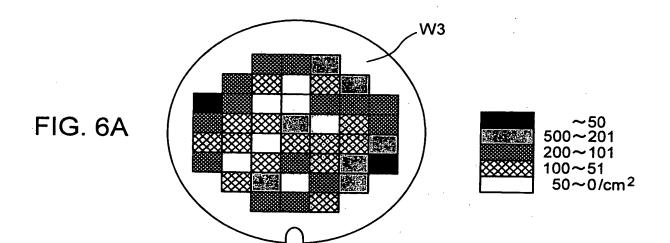
FIG. 3

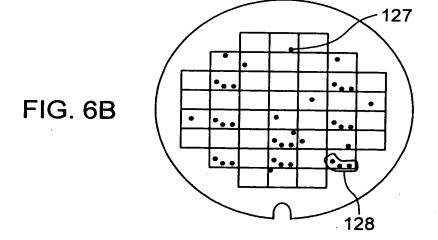


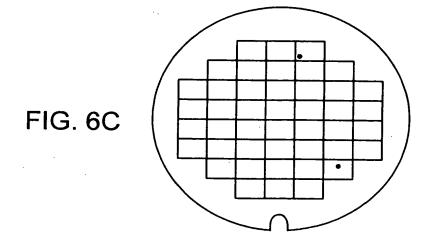


$\forall$	PULL OUT PRODUCT, TO-BE PRODUCT, TEG WAFER
$\Diamond$	REMOVE DEVICE STRUCTURE FILM
$\Diamond$	AFTER-TREATMENT (SURFACE IMPURITIES REMOVING TREATMENT)
$\Diamond$	CLEANING (PARTICLE REMOVAL)
$\Diamond$	IMAGE RECOGNITION AND DEFECT EVALUATION
	DEFECT QUANTIFICATION 1
$\Diamond$	SELECTIVE ETCHING TO EXPOSE CRYSTAL DEFECT
$\Diamond$	AFTER-TREATMENT (SURFACE IMPURITIES REMOVING TREATMENT)
$\Diamond$	CLEANING (PARTICLE REMOVAL)
$\Diamond$	IMAGE RECOGNITION AND DEFECT EVALUATION
	DEFECT QUANTIFICATION 2
	(DEFECT QUANTIFICATION 2) - (DEFECT QUANTIFICATION 1)

FIG. 5







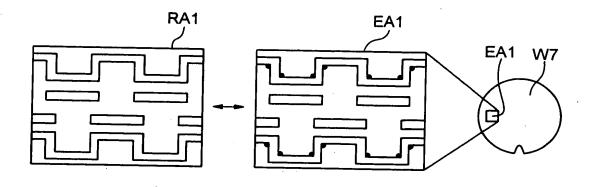


FIG. 7

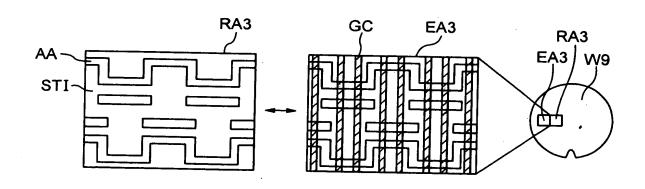


FIG. 8

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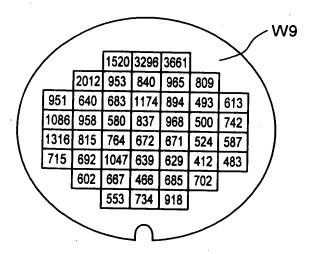


FIG. 9

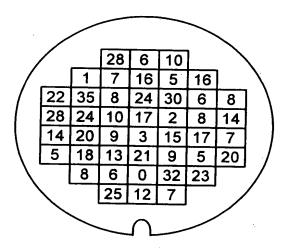


FIG. 10

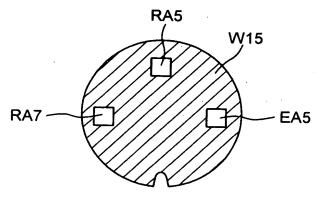


FIG. 11

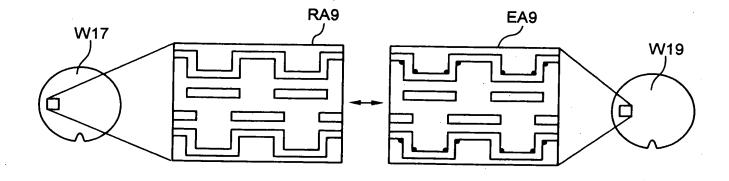


FIG. 12

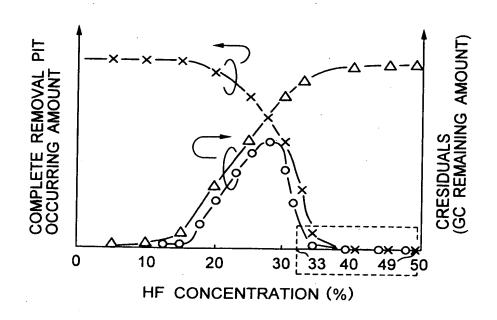
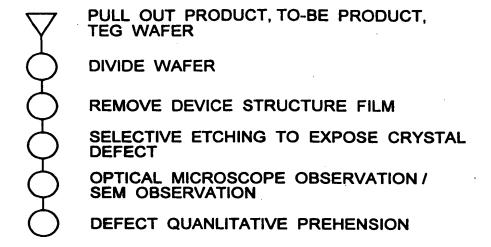


FIG. 13

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# FIG. 14 (PRIOR ART)

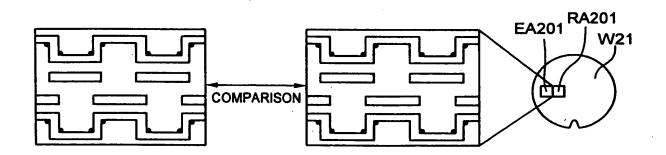


FIG. 16 (PRIOR ART)

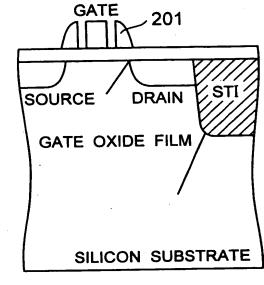
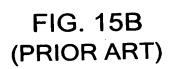


FIG. 15A (PRIOR ART)



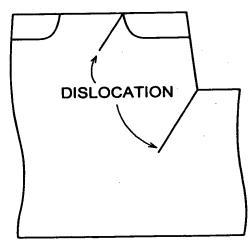


FIG. 15C (PRIOR ART)

